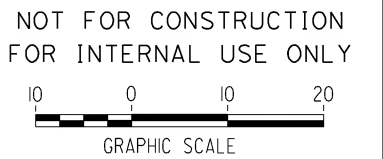
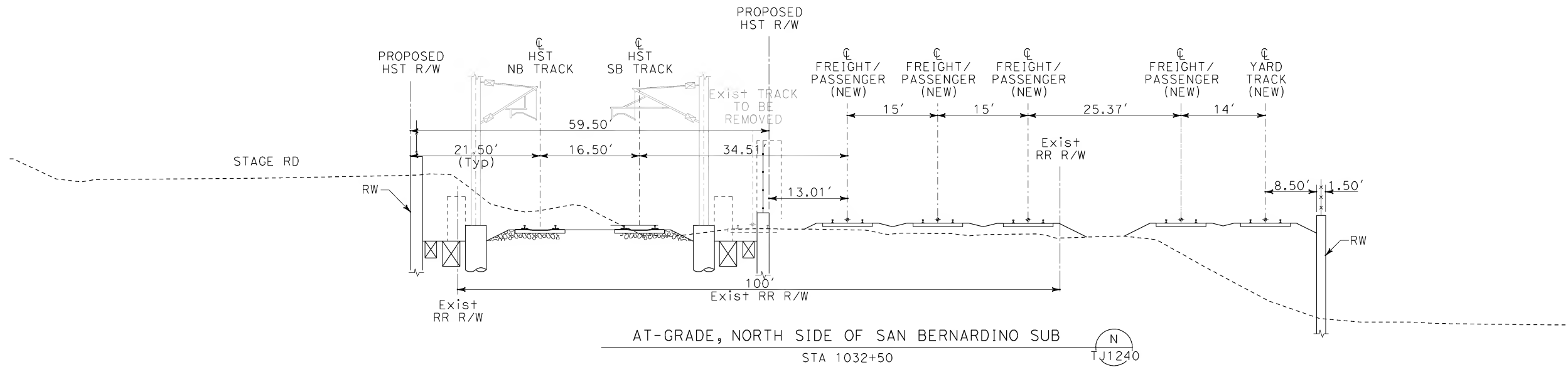


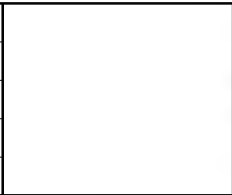
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| DESIGNED BY K. MCCULLOUGH |
| DRAWN BY K. MCCULLOUGH |
| CHECKED BY A. SOKOL |
| IN CHARGE D. THOMSON |
| DATE 04-15-10 |



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| CALIFORNIA HIGH-SPEED TRAIN PROJECT |
| LOS ANGELES TO ANAHEIM |
| SUPPLEMENTAL 15% DESIGN |
| LA MIRADA YARD TRACK OPTION |
| CROSS SECTIONS |

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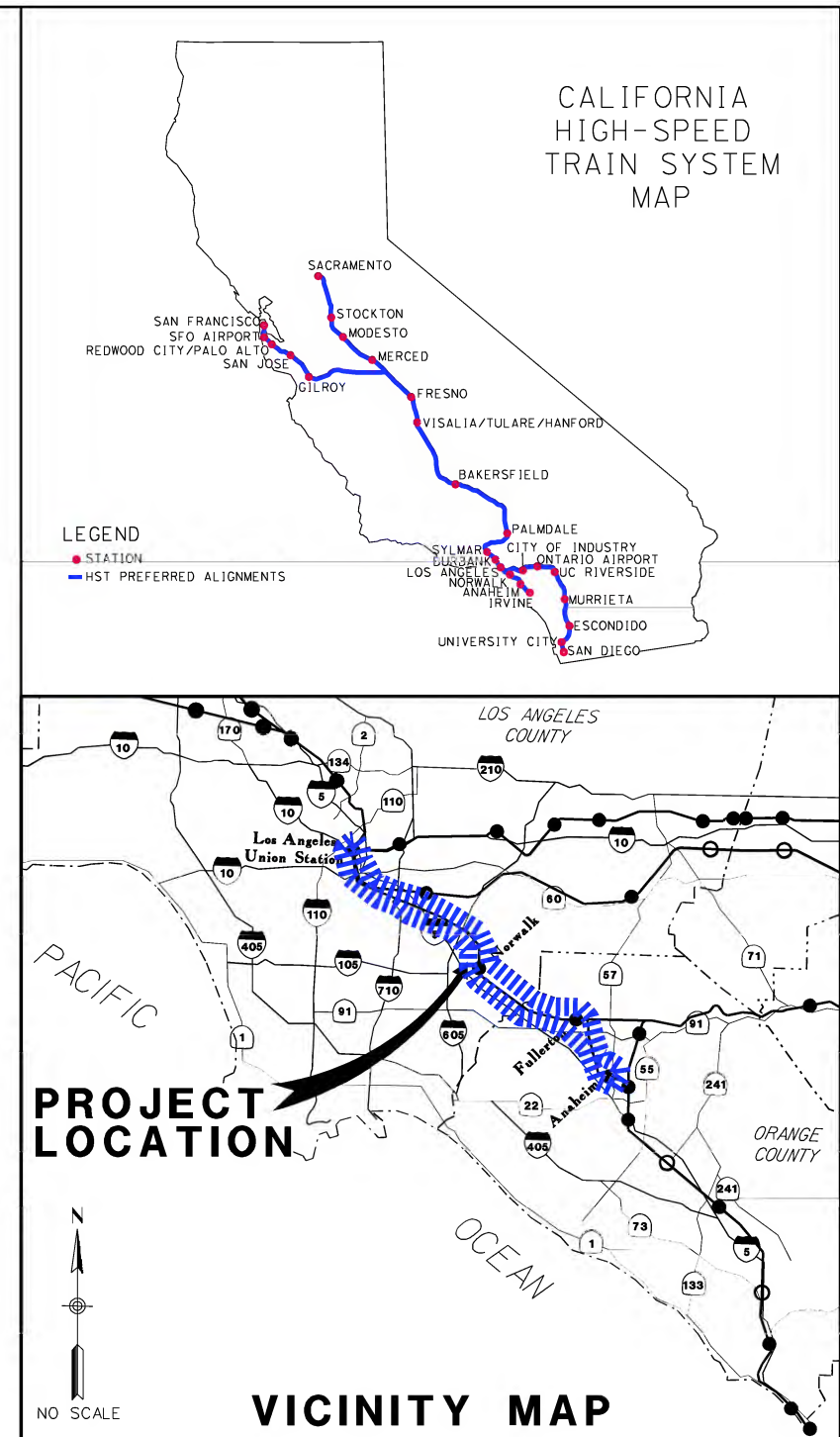
CALIFORNIA HIGH - SPEED RAIL AUTHORITY FLY CALIFORNIA

Without ever leaving the ground.

CALIFORNIA HIGH-SPEED TRAIN PROJECT LOS ANGELES TO ANAHEIM SECTION

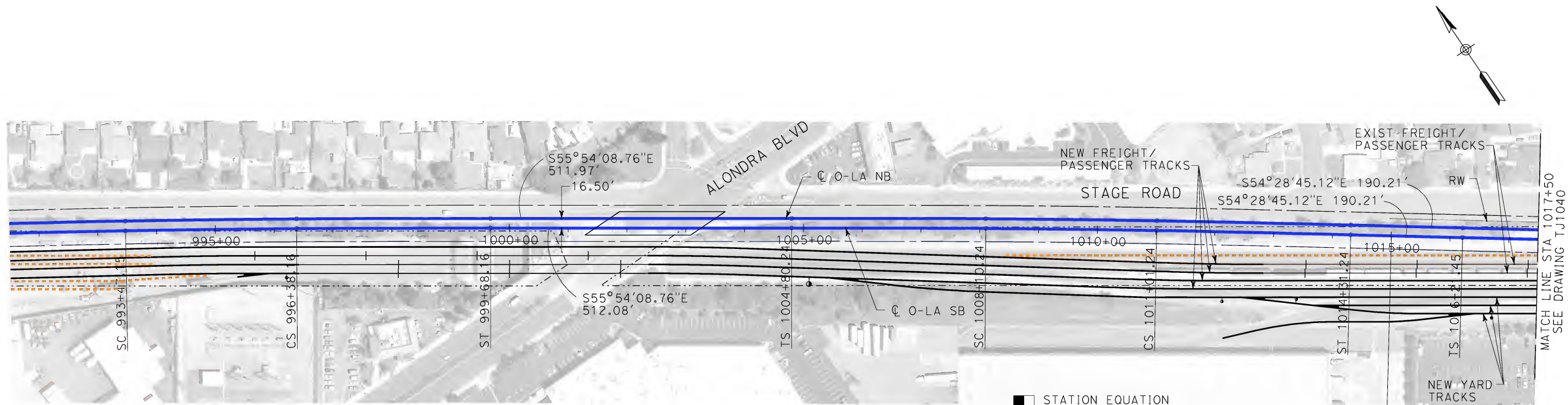
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BUENA PARK TUNNEL OPTION



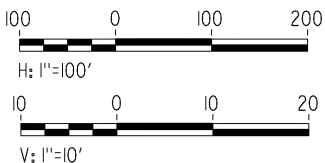
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DESIGN SUBMITTAL
MARCH 19, 2010**

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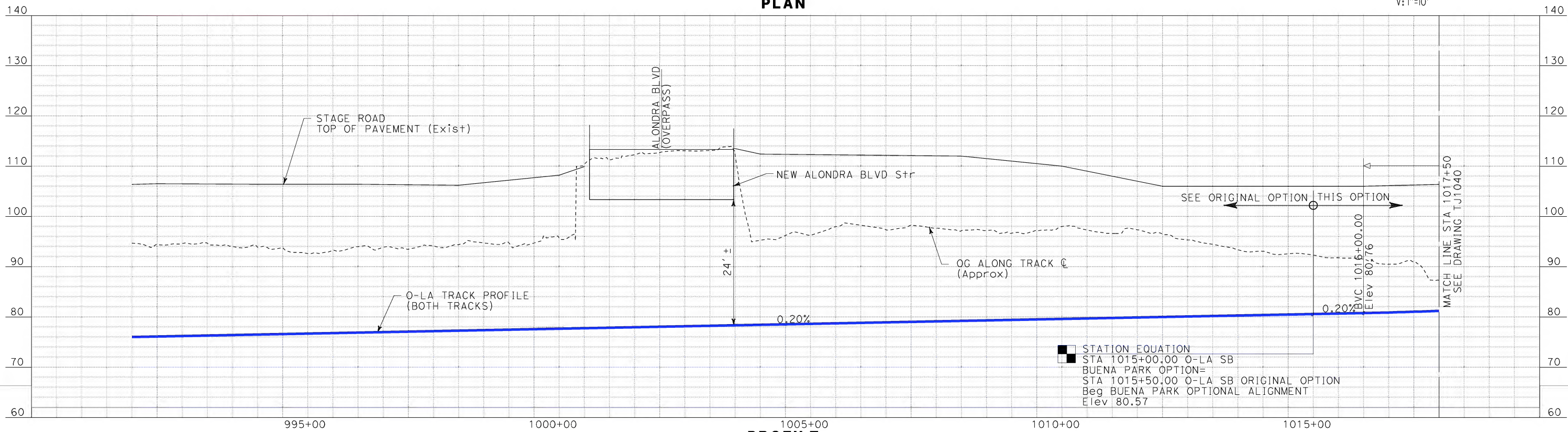


STATION EQUATION
STA 1015+00.00 O-LA SB BUENA PARK OPTION =
STA 1015+00 O-LA SB ORIGINAL OPTION
Beg BUENA PARK OPTIONAL ALIGNMENT

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PLAN



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| DESIGNED BY K. MCCULLOUGH |
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| CHECKED BY A. SOKOL |
| IN CHARGE D. THOMSON |
| DATE 04-15-10 |



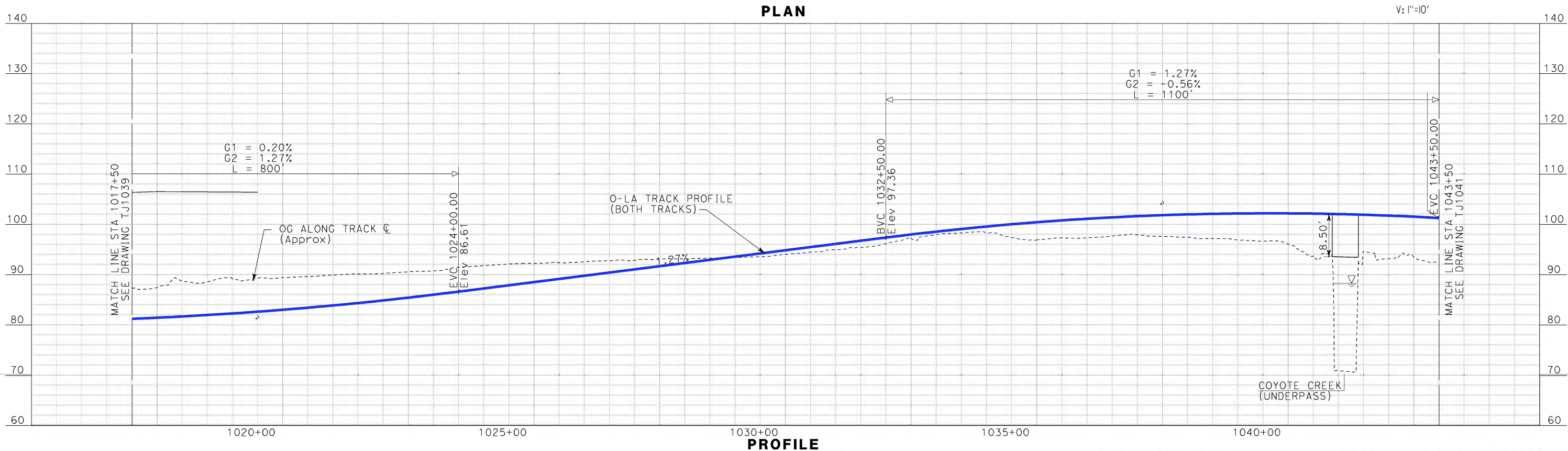
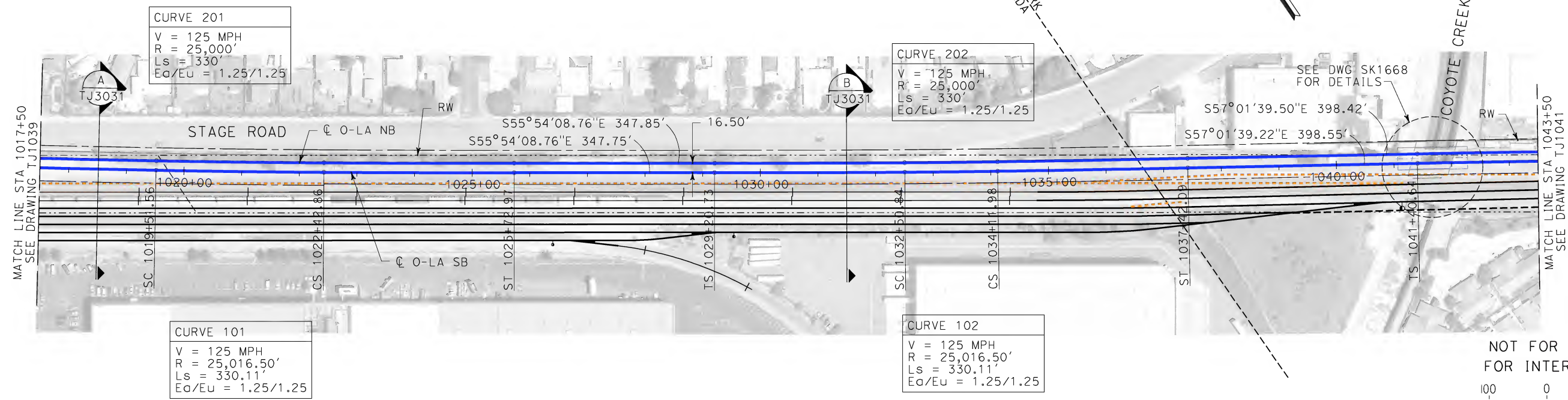
STV Incorporated
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS
1055 WEST SEVENTH STREET, SUITE 3150
LOS ANGELES, CA 90017-2556



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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM**
SUPPLEMENTAL 15% DESIGN
BUENA PARK - TUNNEL OPTION
PLAN AND PROFILE
STA 991+50 TO STA 1017+50

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| DRAWN BY K. MCCULLOUGH |
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| IN CHARGE D. THOMSON |
| DATE 04-15-10 |

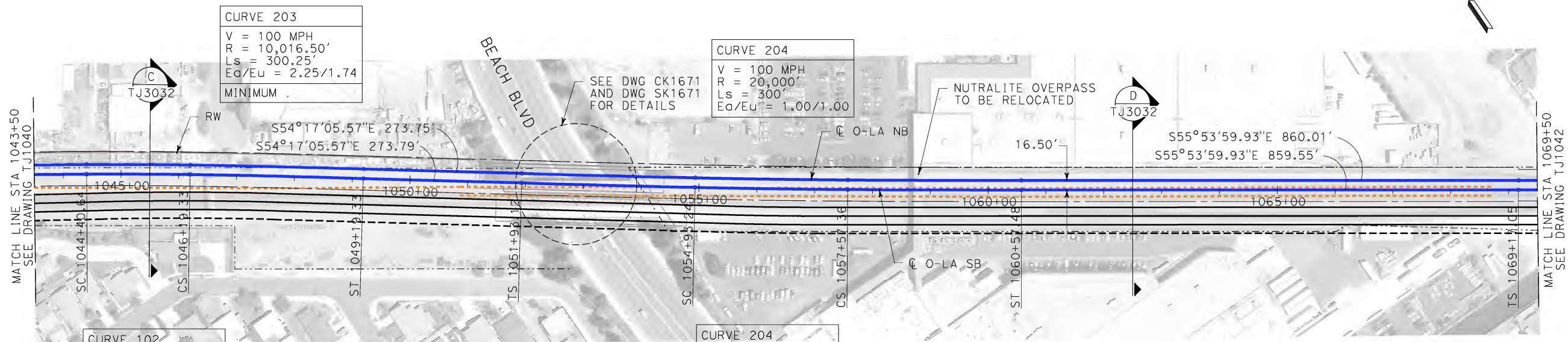


CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
BUENA PARK - TUNNEL OPTION
PLAN AND PROFILE
STA 1017+50 TO STA 1043+50

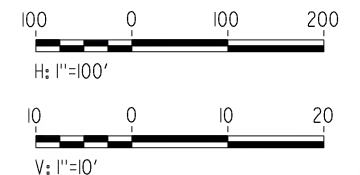
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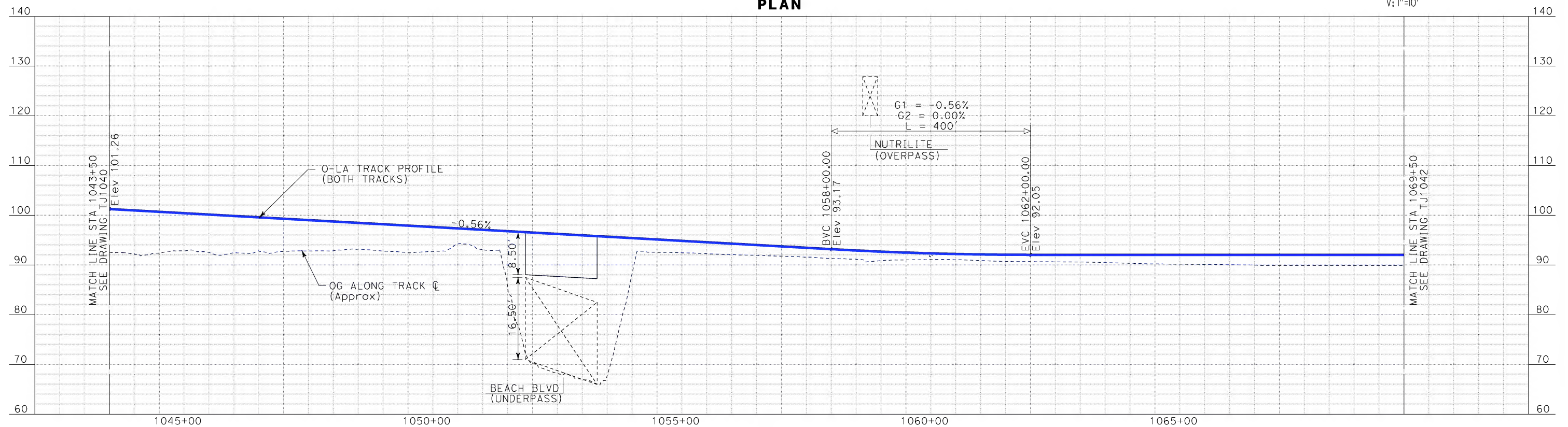
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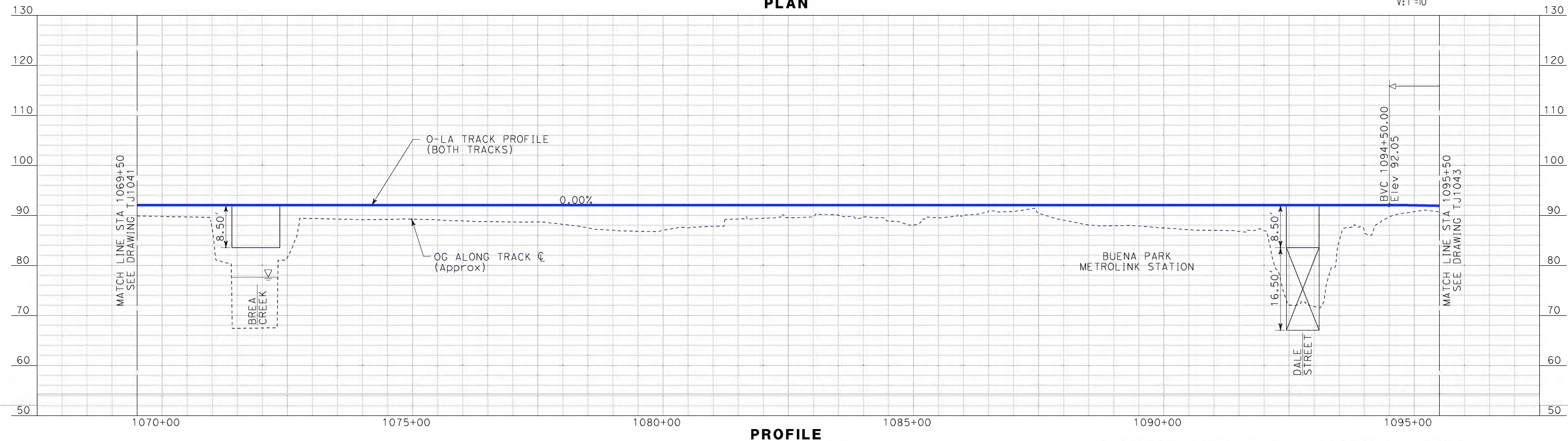
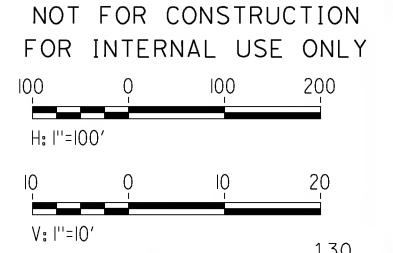
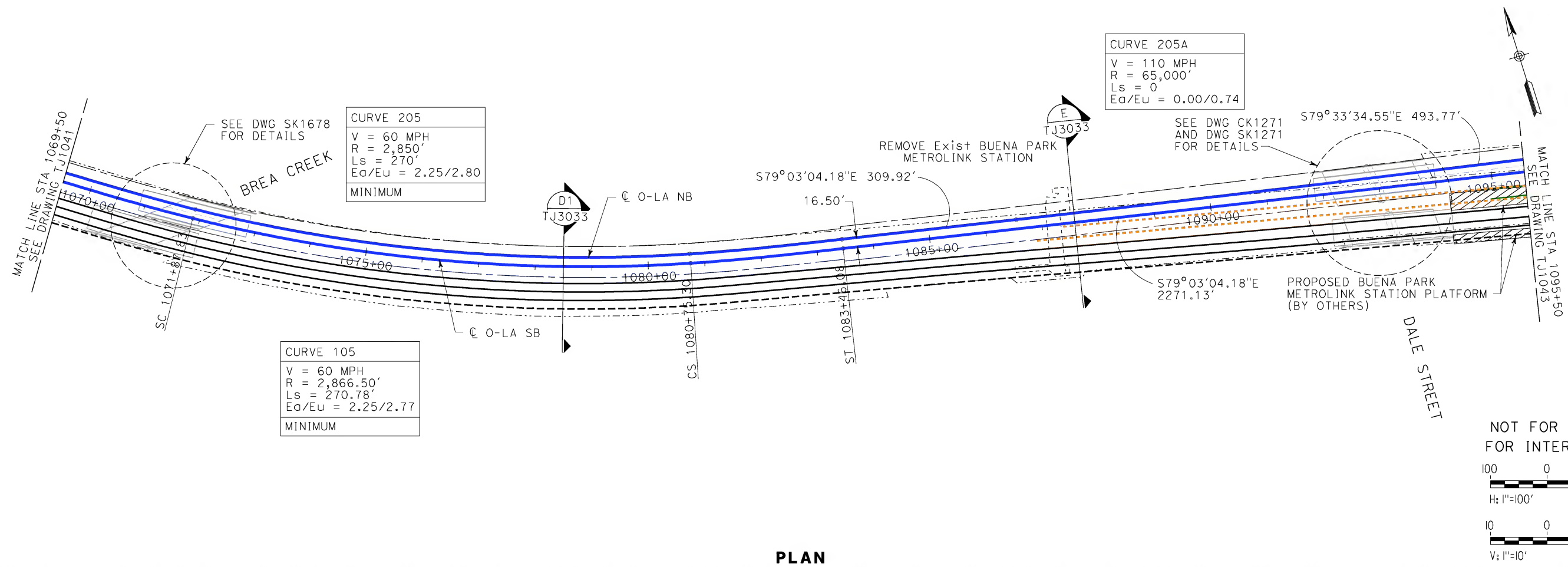
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| DRAWN BY K. MCCULLOUGH |
| CHECKED BY A. SOKOL |
| IN CHARGE D. THOMSON |
| DATE 04-15-10 |



CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
BUENA PARK - TUNNEL OPTION
PLAN AND PROFILE
STA 1043+50 TO STA 1069+50

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| DATE 04-15-10 |

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LOS ANGELES, CA 90017-2556

CALIFORNIA HIGH-SPEED RAIL AUTHORITY
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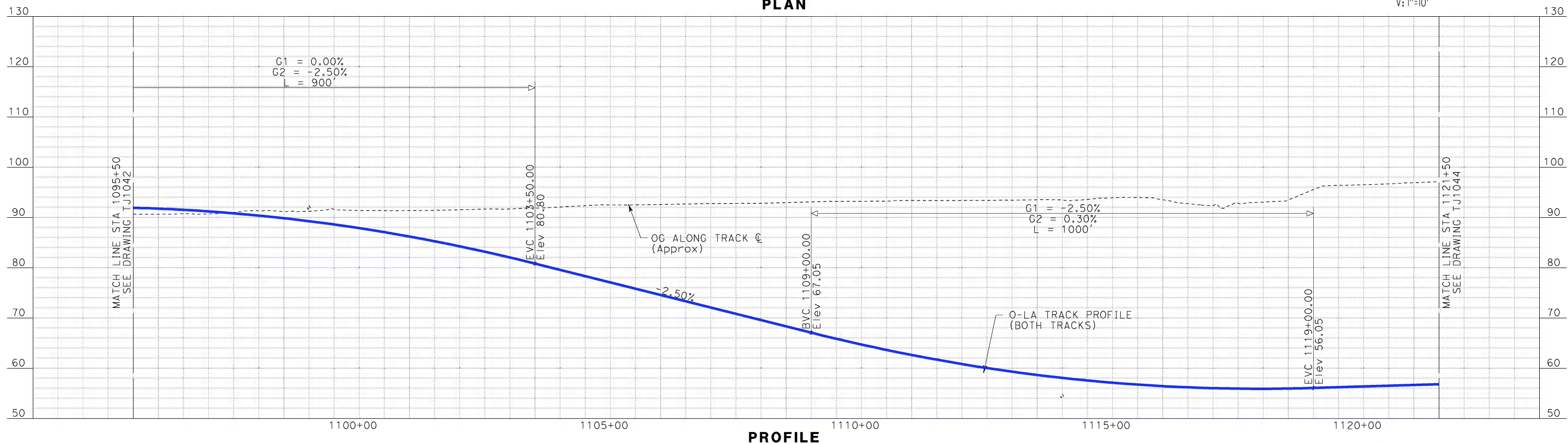
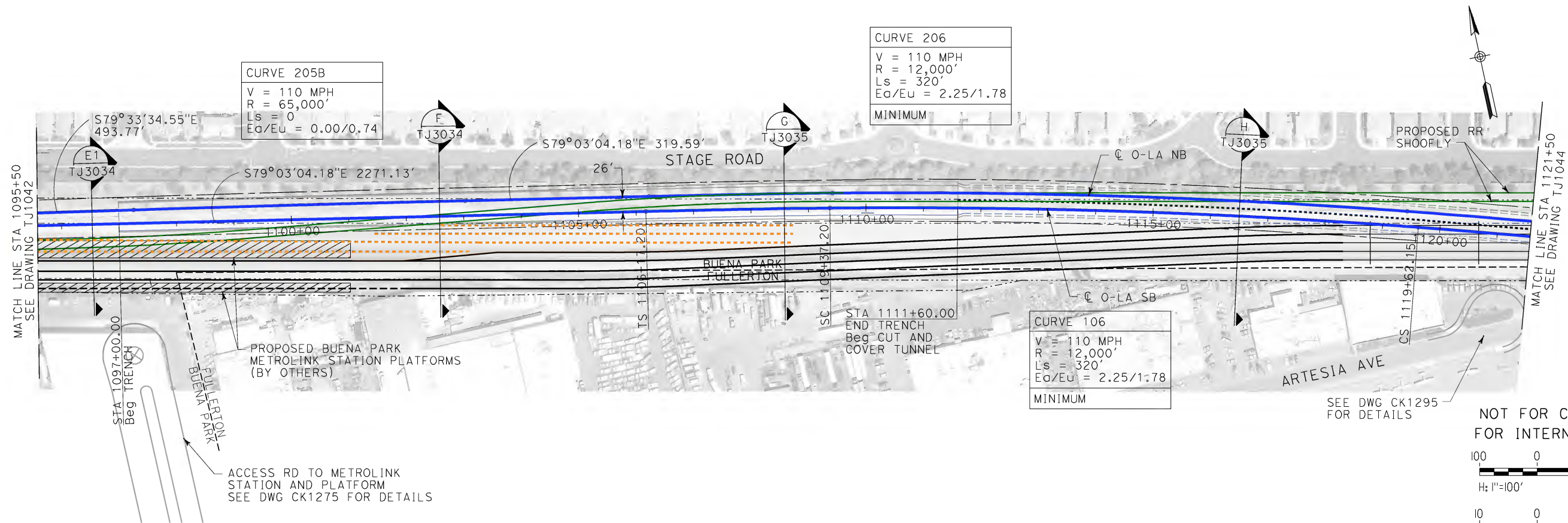
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LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
BUENA PARK - TUNNEL OPTION
PLAN AND PROFILE
STA 1069+50 TO STA 1095+50

CONTRACT NO.
HSR06-0005

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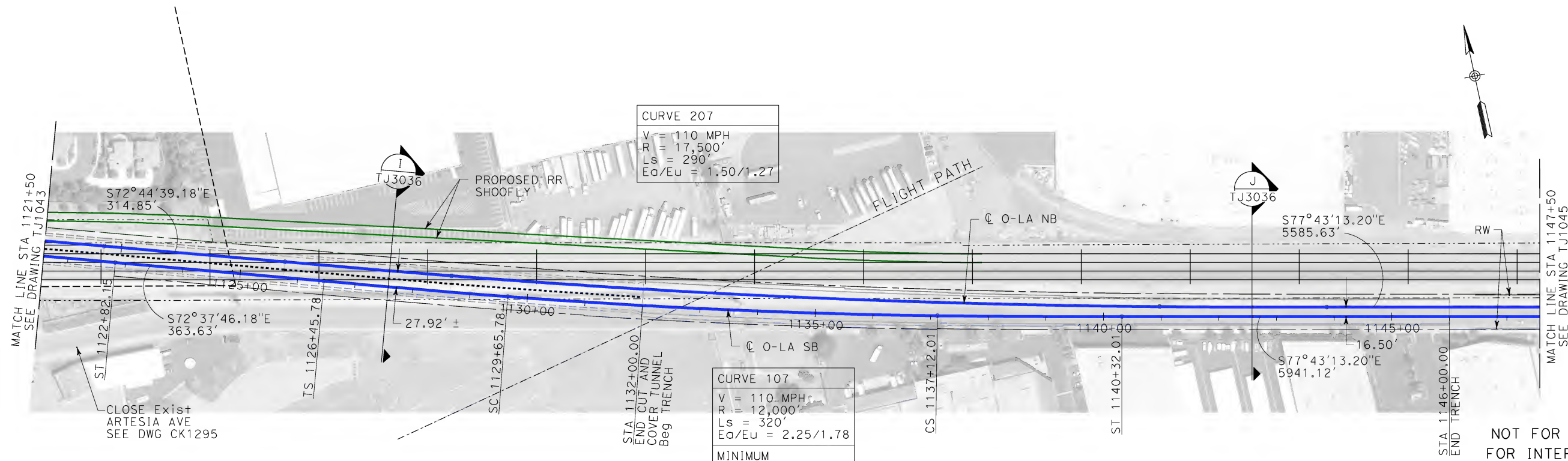
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| DATE 04-15-10 |



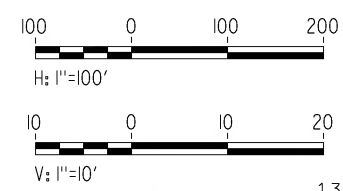
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
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LOS ANGELES TO ANAHEIM**
SUPPLEMENTAL 15% DESIGN
BUENA PARK - TUNNEL OPTION
PLAN AND PROFILE
STA 1095+50 TO STA 1121+50

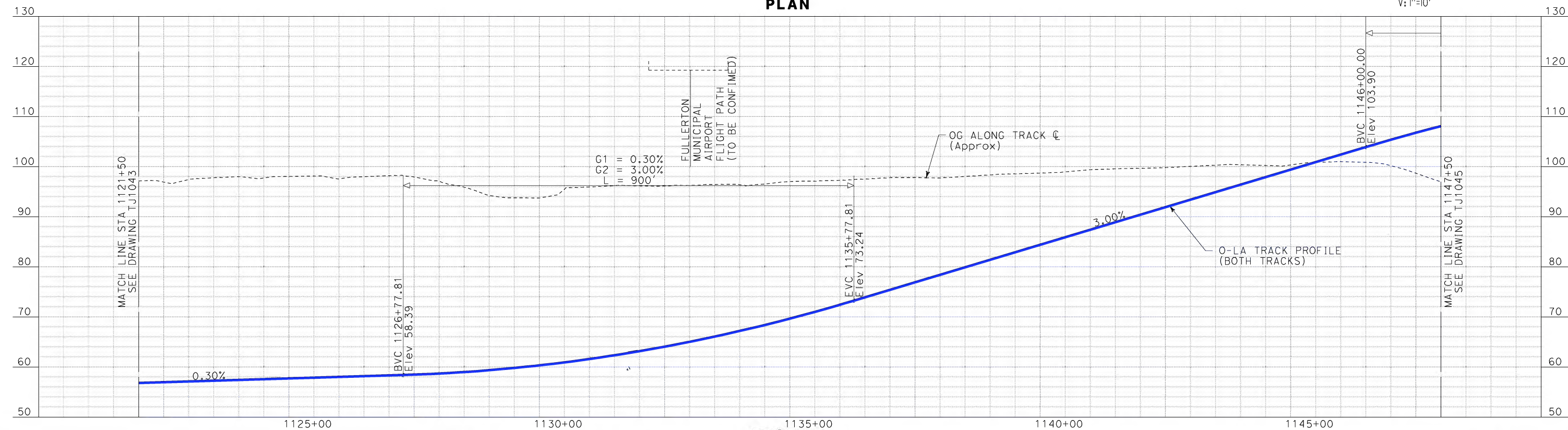
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| DATE 04-15-10 |

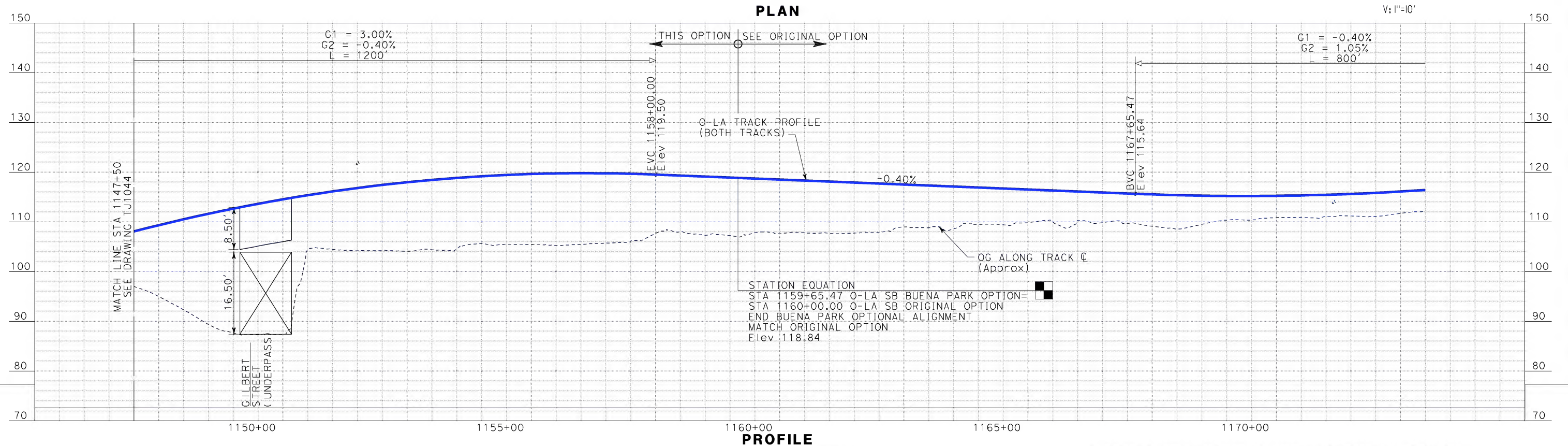
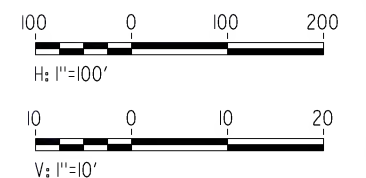


CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
BUENA PARK - TUNNEL OPTION
PLAN AND PROFILE
STA 1121+50 TO STA 1147+50

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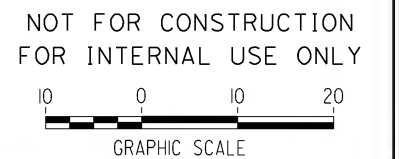
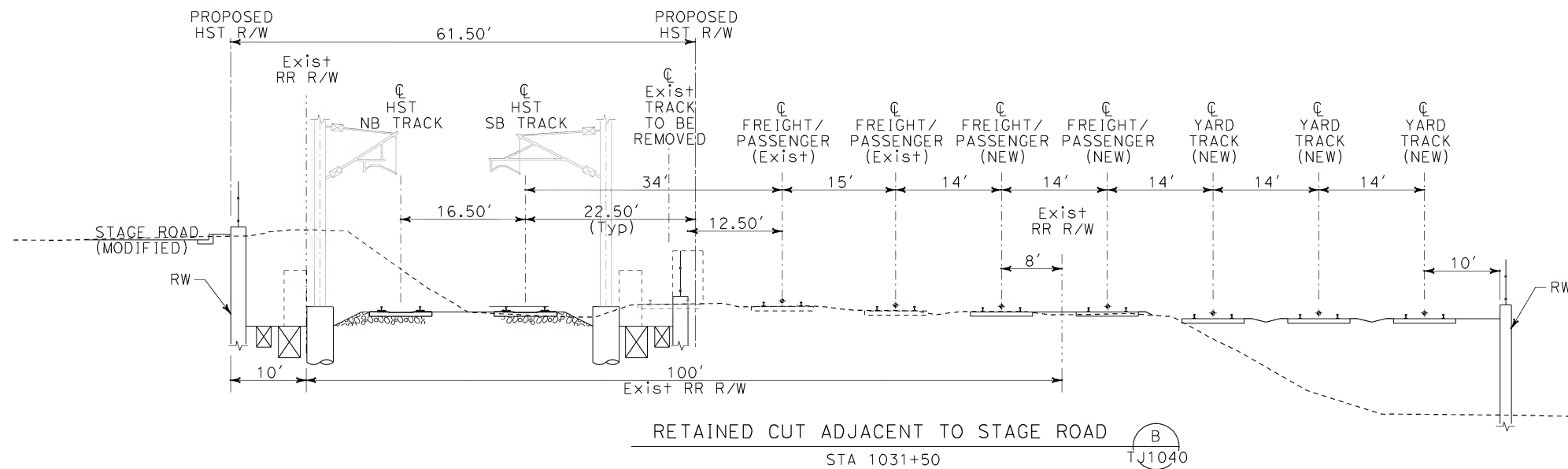
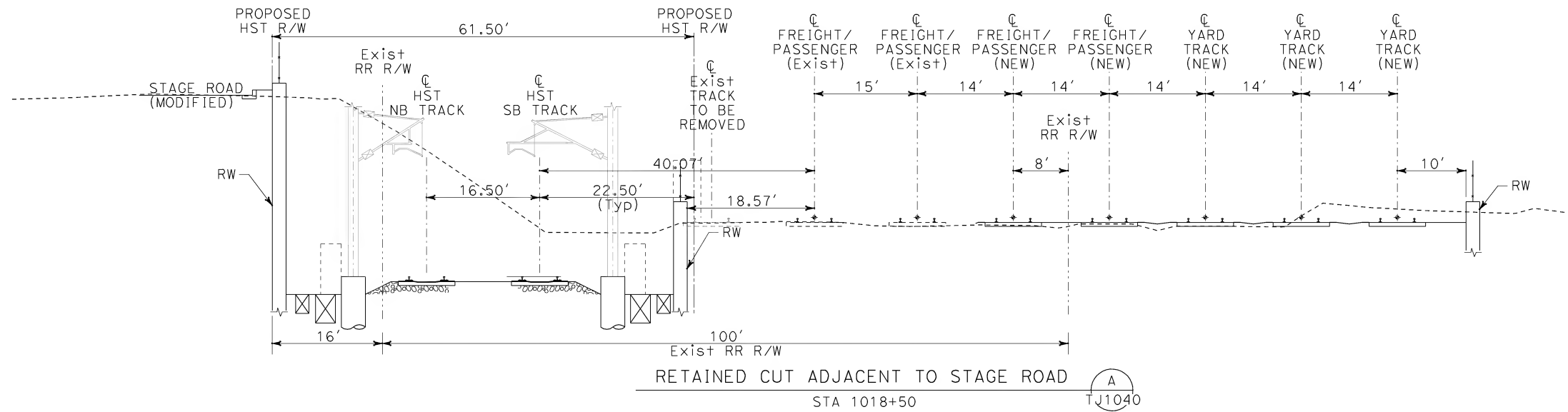
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| IN CHARGE D. THOMSON |
| DATE 04-15-10 |



CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
 SUPPLEMENTAL 15% DESIGN
 BUENA PARK - TUNNEL OPTION
 PLAN AND PROFILE
 STA 1147+50 TO STA 1173+50

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| DATE 04-15-10 |

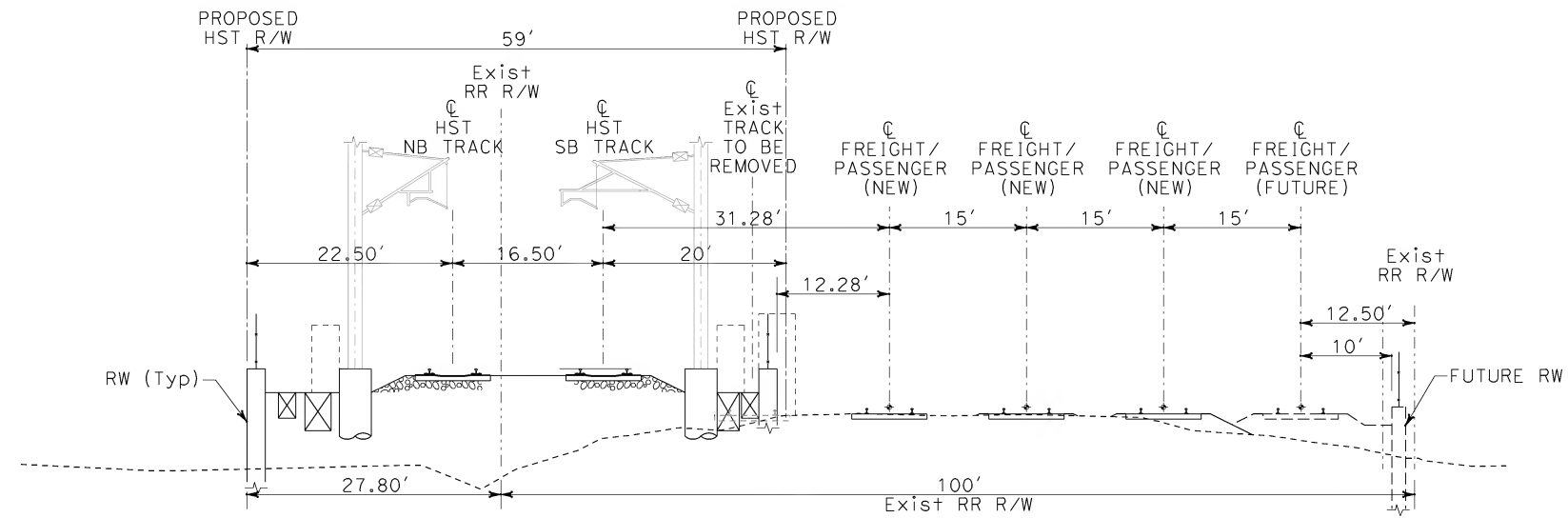


CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
 SUPPLEMENTAL 15% DESIGN
 BUENA PARK - TUNNEL OPTION
 CROSS SECTIONS

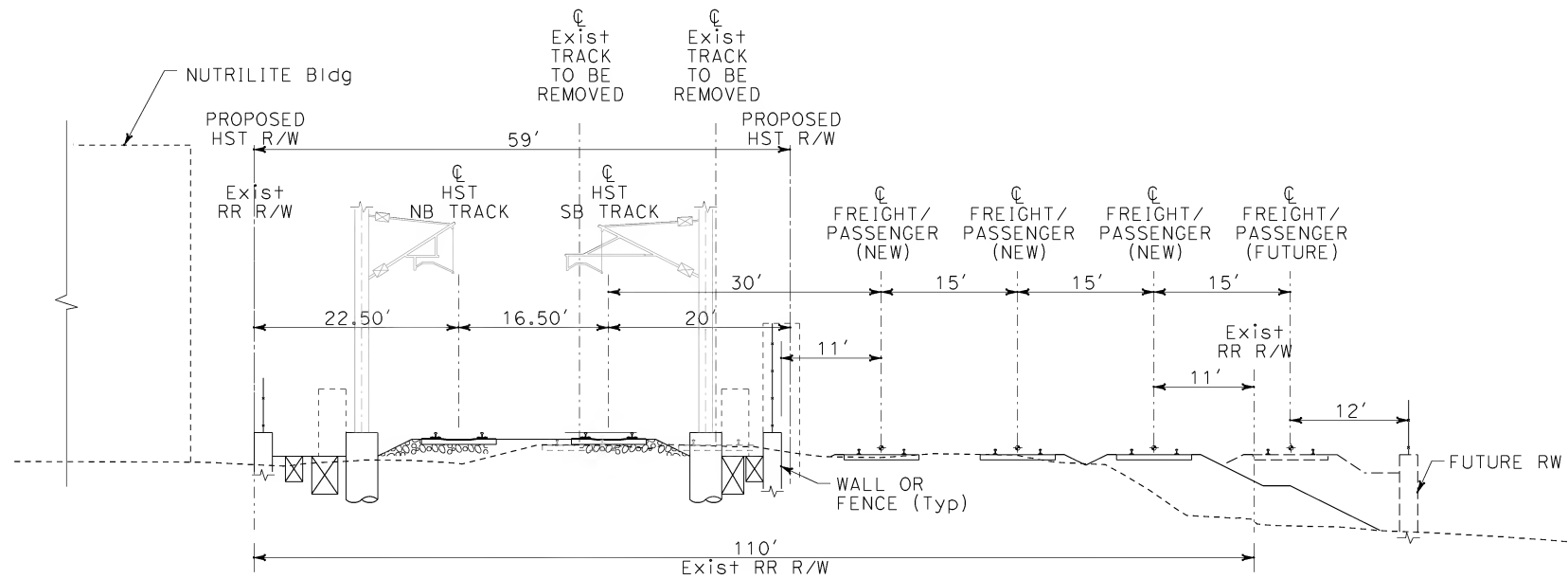
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RETAINED FILL NORTH SIDE OF SAN BERNARDINO SUB
STA 1045+50



AT-GRADE ADJACENT TO NUTRILITE BUILDING
STA 1062+50

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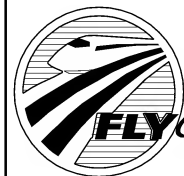
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LOS ANGELES, CA 90017-2556



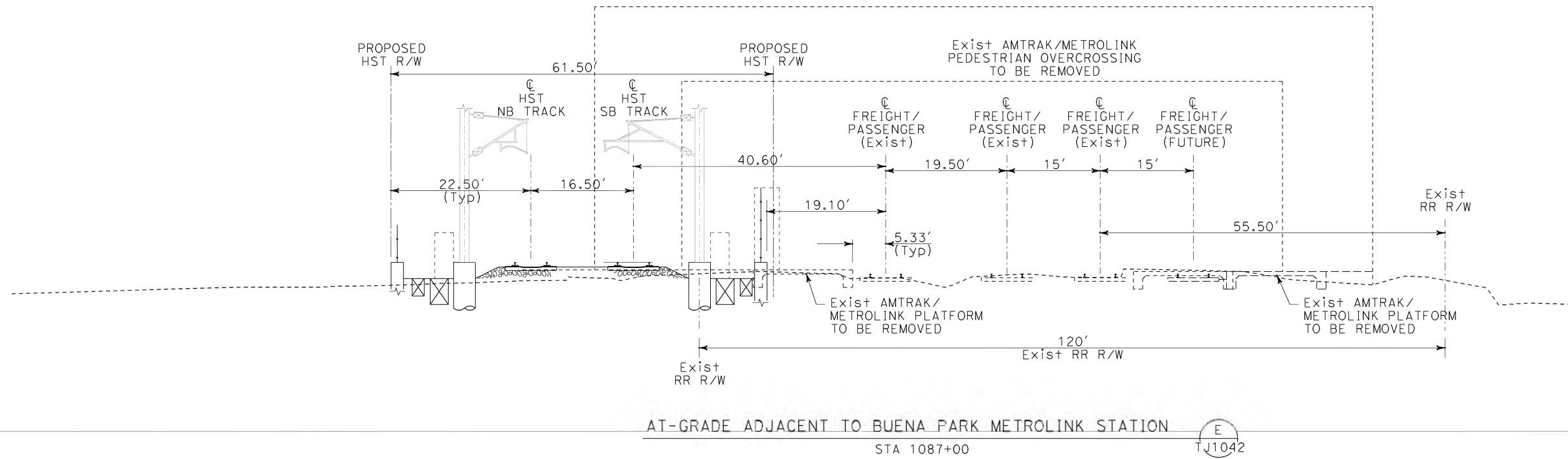
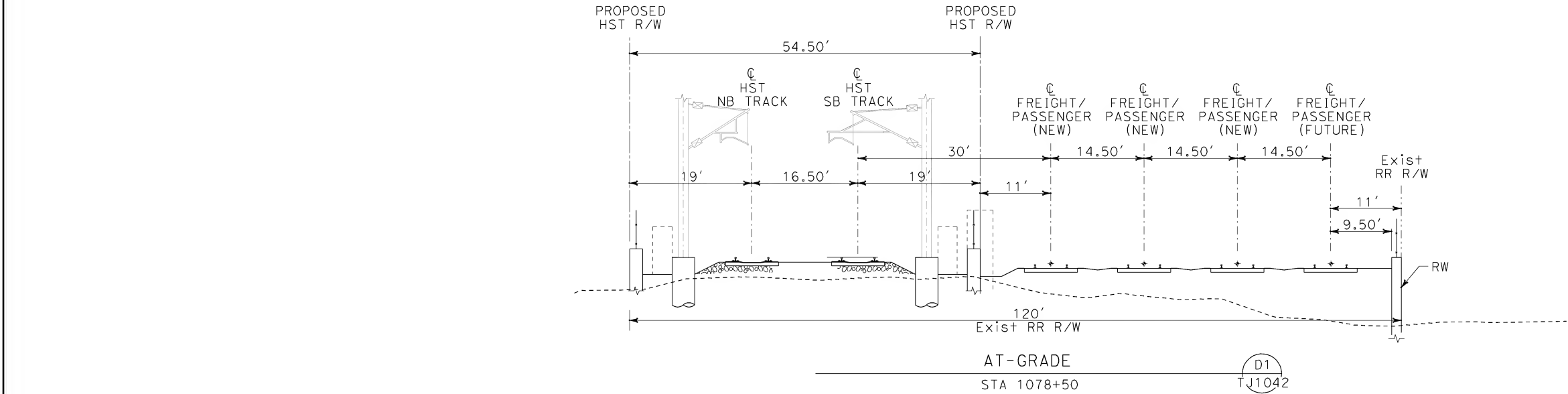
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM**
SUPPLEMENTAL 15% DESIGN
BUENA PARK - TUNNEL OPTION
CROSS SECTIONS

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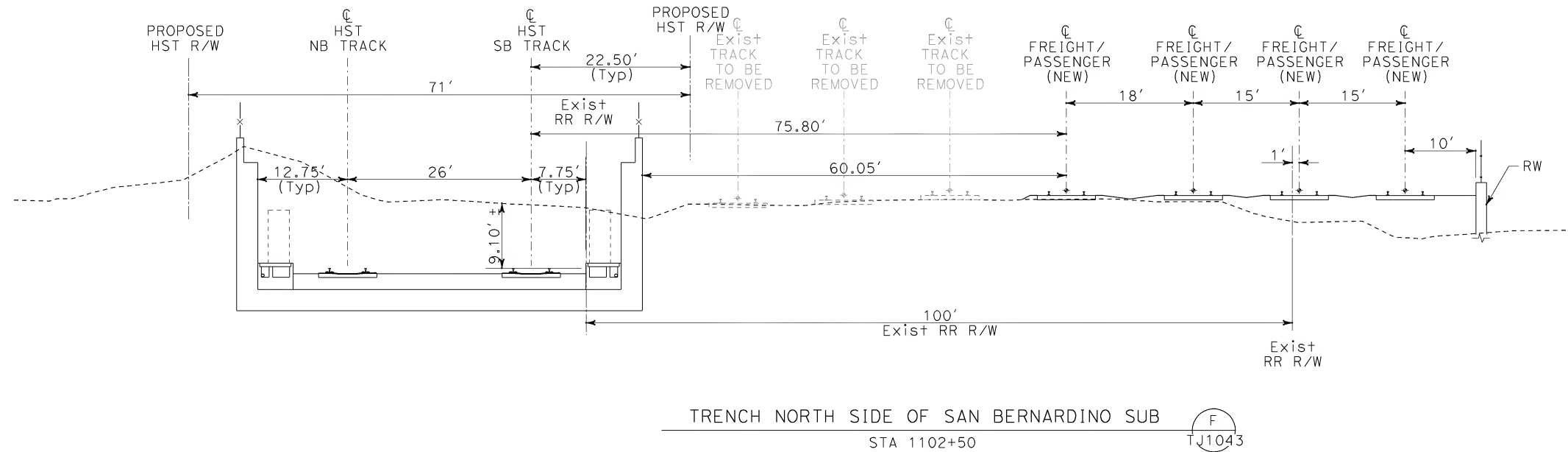
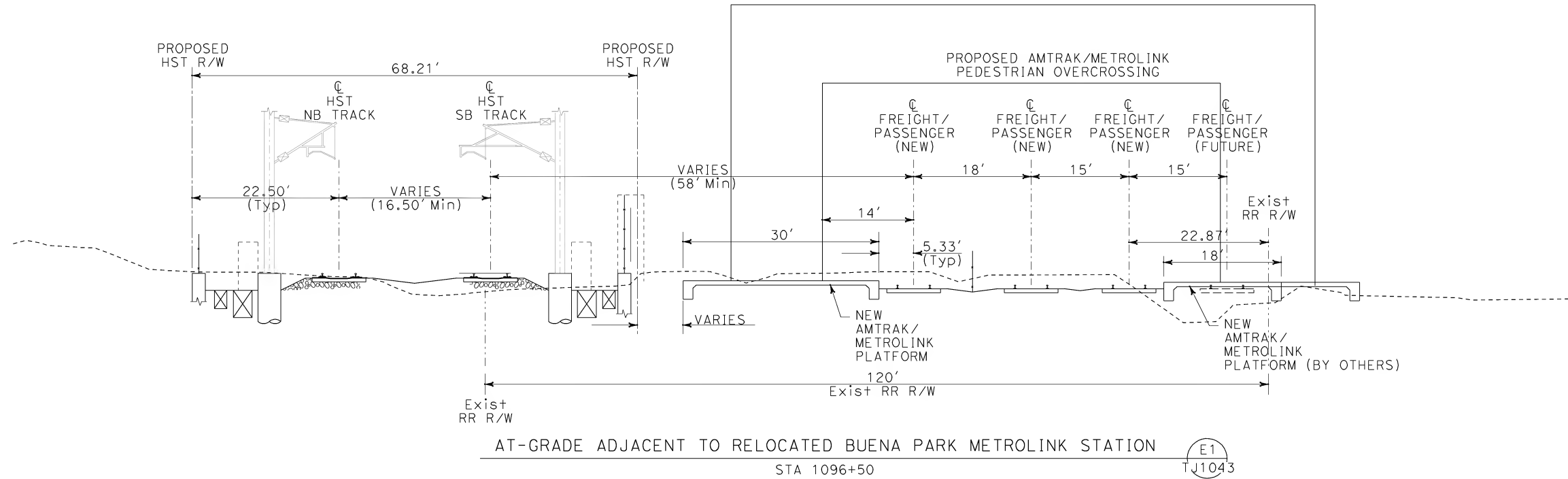
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM**
SUPPLEMENTAL 15% DESIGN
BUENA PARK - TUNNEL OPTION
CROSS SECTIONS

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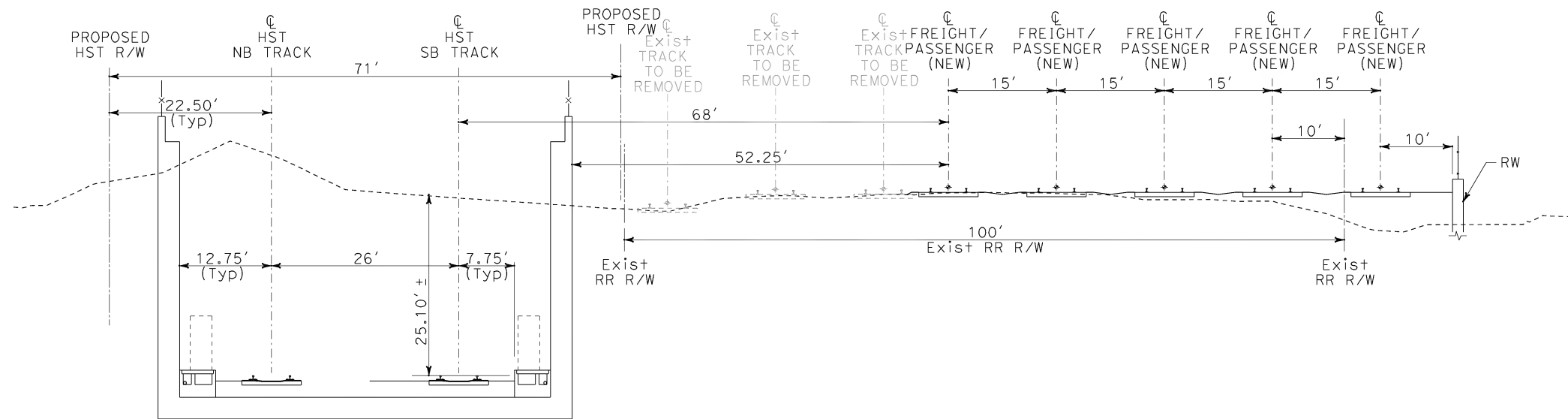
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM**
SUPPLEMENTAL 15% DESIGN
BUENA PARK - TUNNEL OPTION
CROSS SECTIONS

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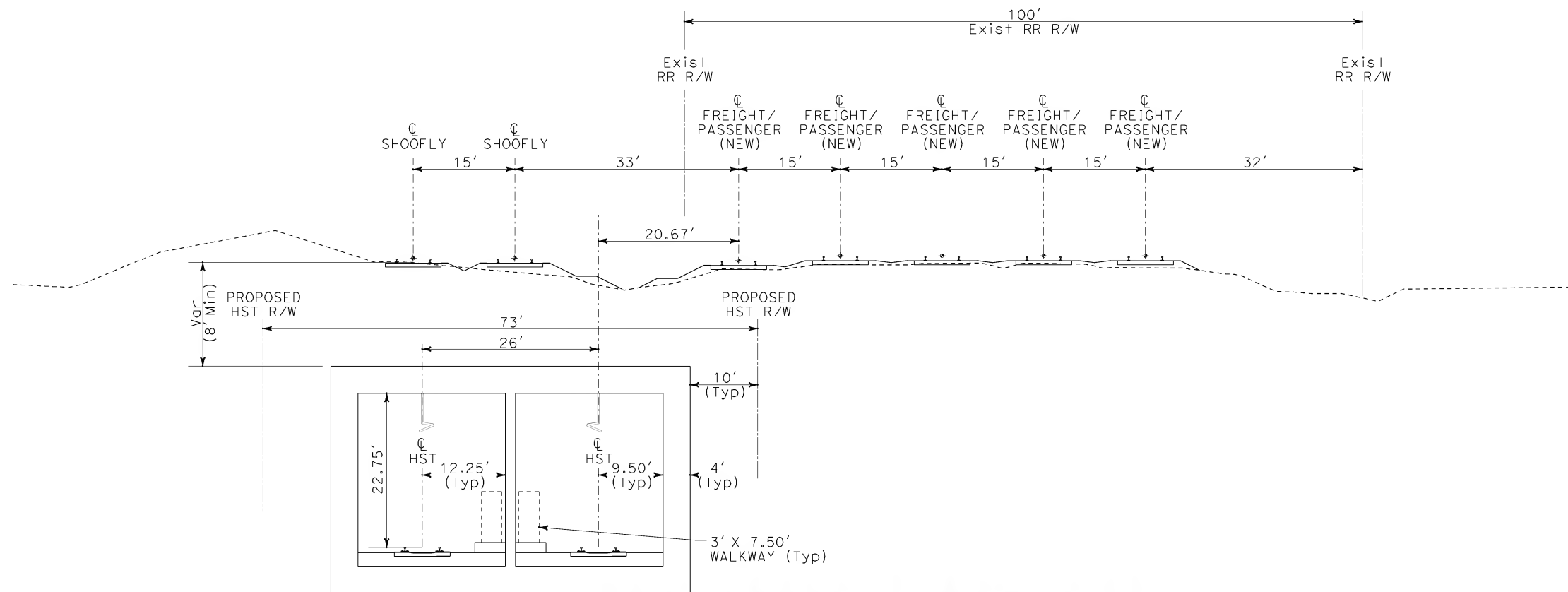


NOTE:
SHOOFLY TRACKS ARE USED
TO CONSTRUCT CUT AND COVER
TUNNEL ACROSS THE
SAN BERNARDINO SUB.

TRENCH NORTH SIDE OF SAN BERNARDINO SUB

STA 1108+50

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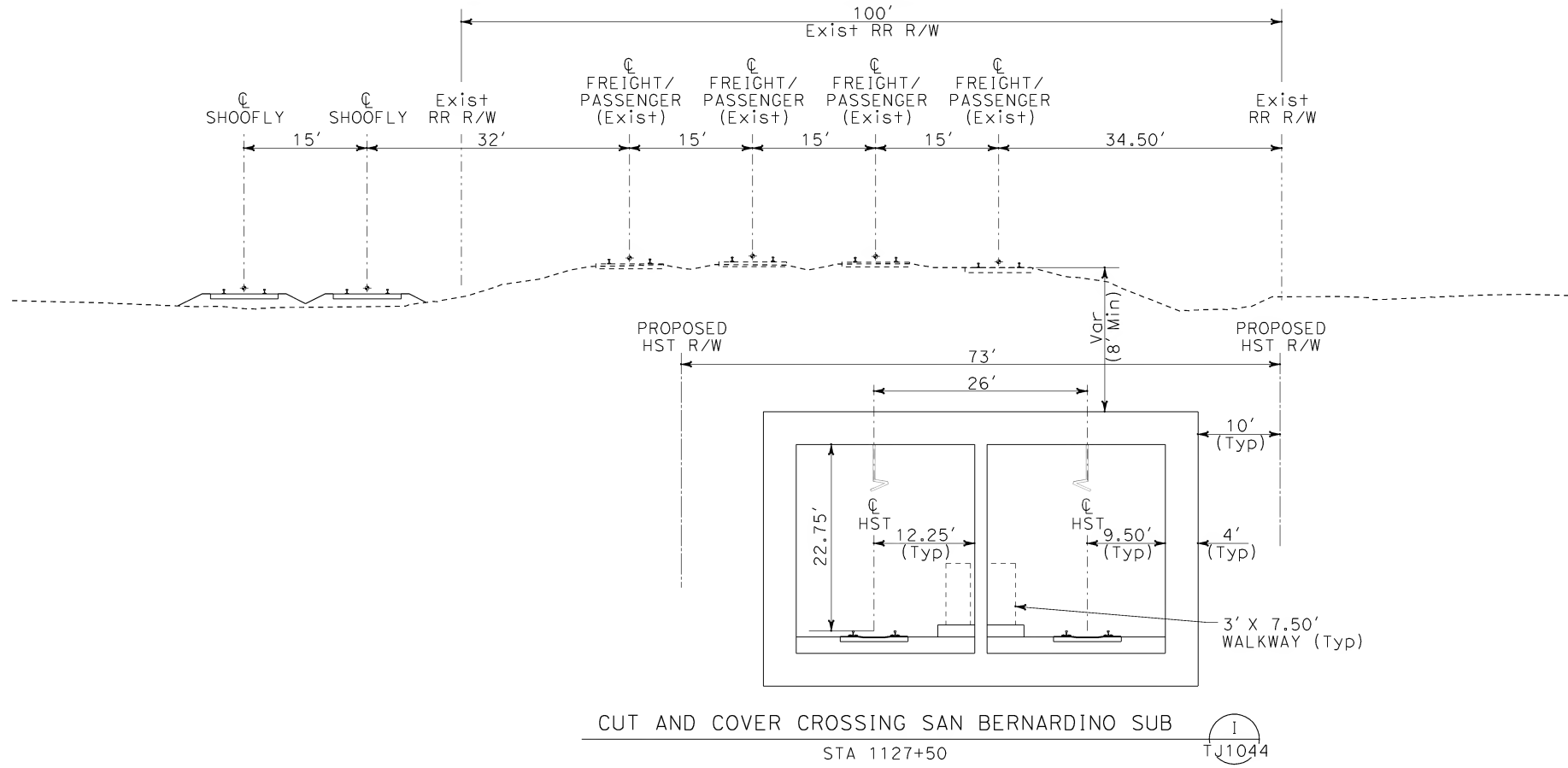


CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
BUENA PARK - TUNNEL OPTION
CROSS SECTIONS

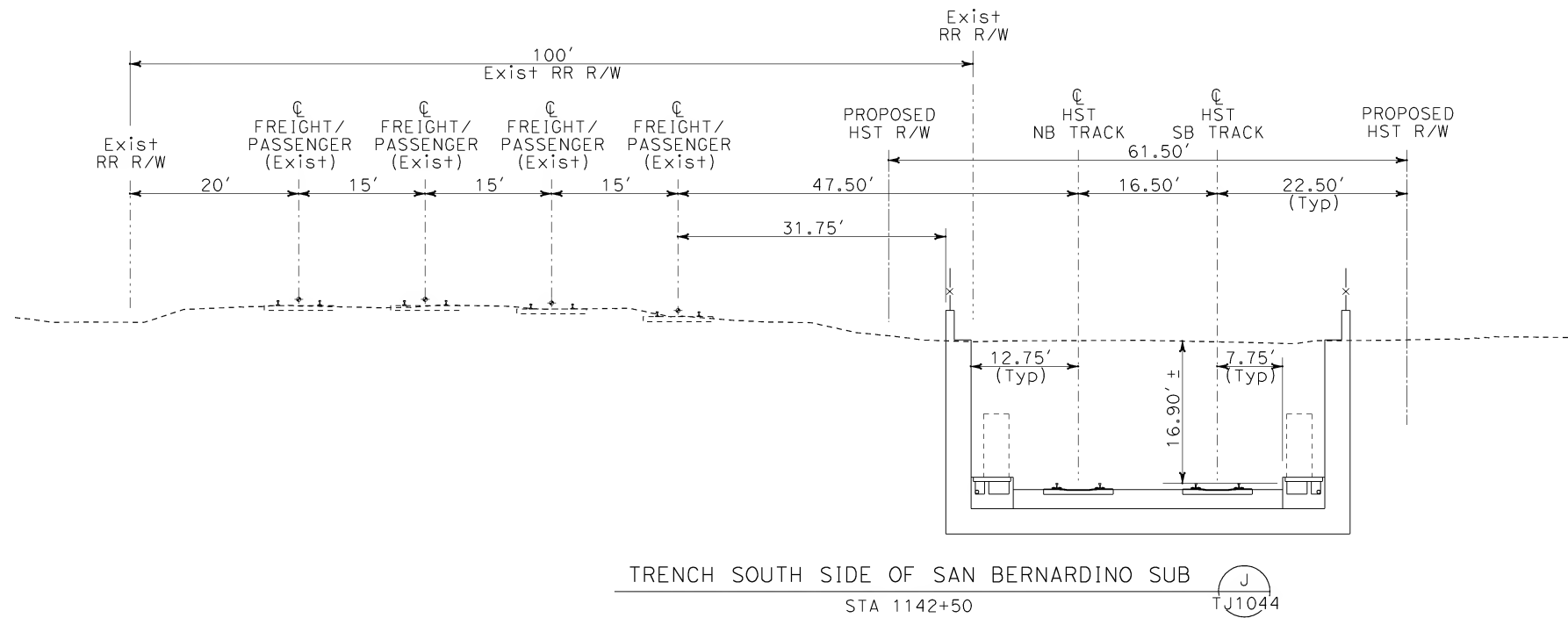
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
BUENA PARK - TUNNEL OPTION
CROSS SECTIONS

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| CONTRACT NO. HSR06-0005 |
| DRAWING NO. TJ3036 |
| SCALE 1" = 10' |
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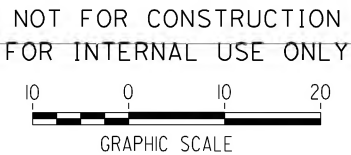
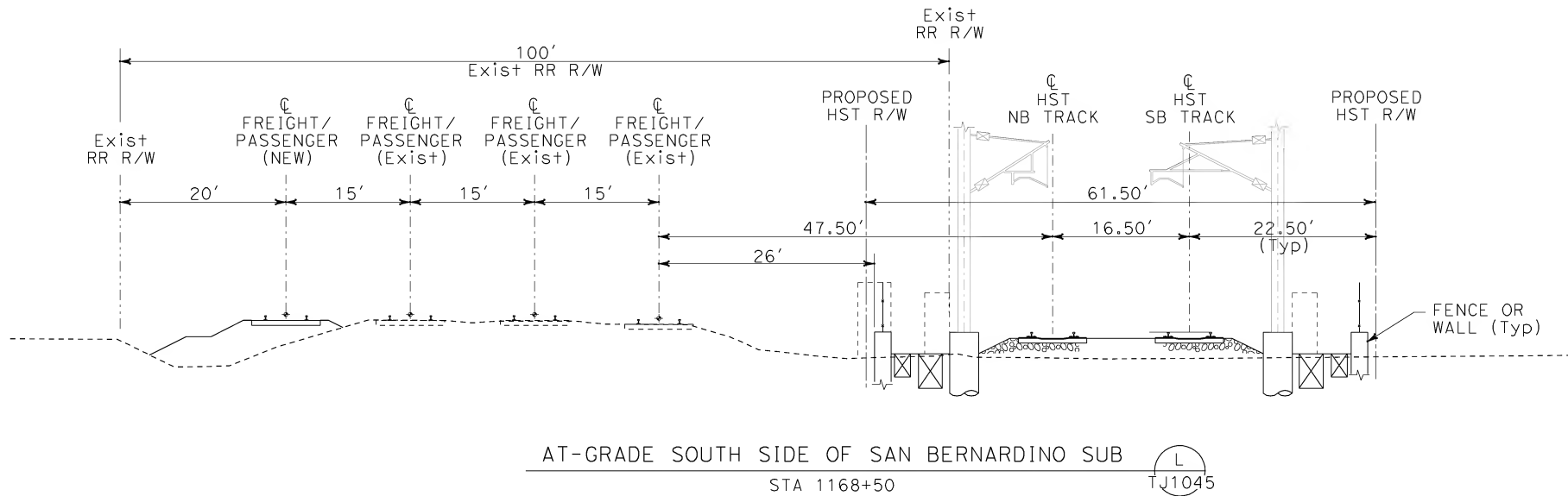
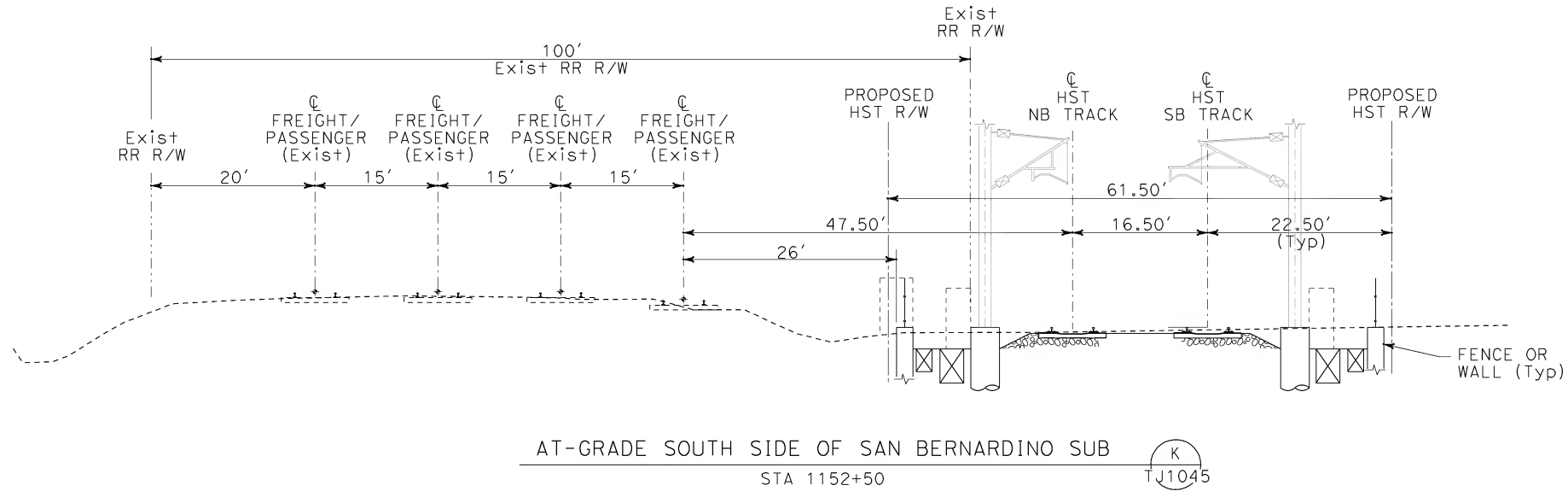
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| DESIGNED BY K. MCCULLOUGH |
| DRAWN BY K. MCCULLOUGH |
| CHECKED BY A. SOKOL |
| IN CHARGE D. THOMSON |
| DATE 04-15-10 |



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM**
SUPPLEMENTAL 15% DESIGN
BUENA PARK - TUNNEL OPTION
CROSS SECTIONS

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| CONTRACT NO. HSR06-0005 |
| DRAWING NO. TJ3037 |
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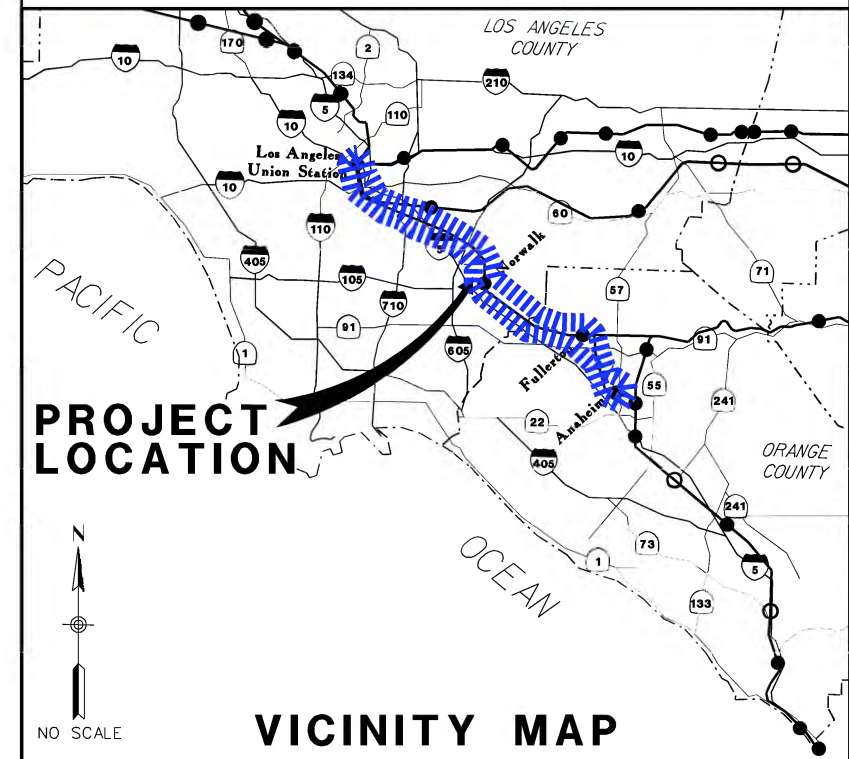


*CALIFORNIA
HIGH - SPEED RAIL
AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.*

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM SECTION**

**SUPPLEMENTAL 15% DESIGN
SUBMITTAL**

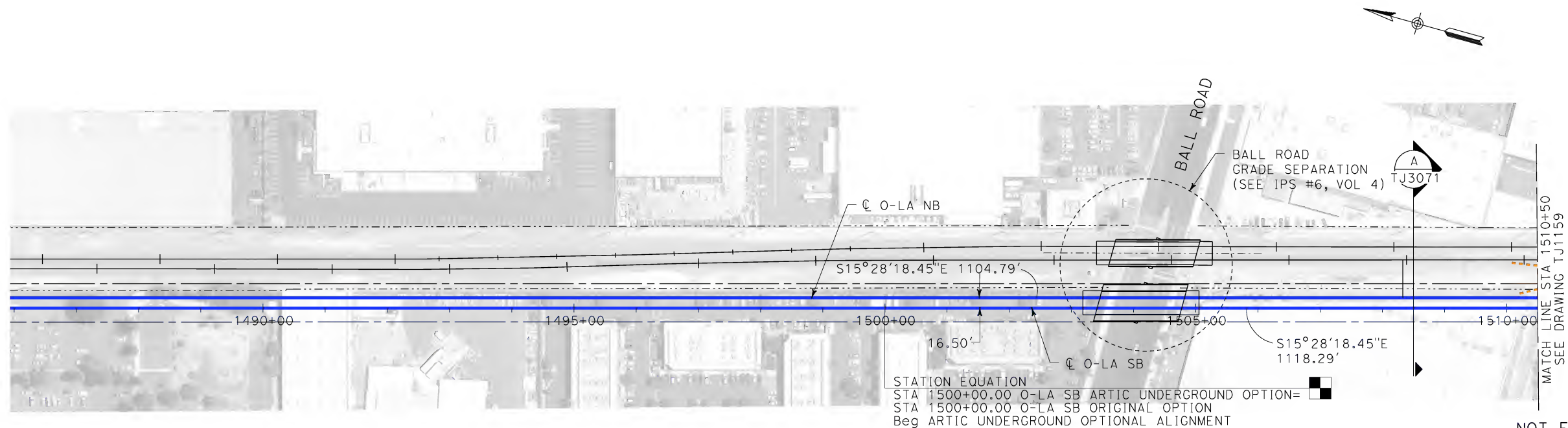
**ARTIC - UNDERGROUND
STATION OPTION**



NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

**SUPPLEMENTAL 15%
DESIGN SUBMITTAL
APRIL 15, 2010**

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| CONTRACT NO. | HSR06-0005 |
| DRAWING NO. | BJ0401 |
| SCALE | NO SCALE |
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PLAN



PROFILE

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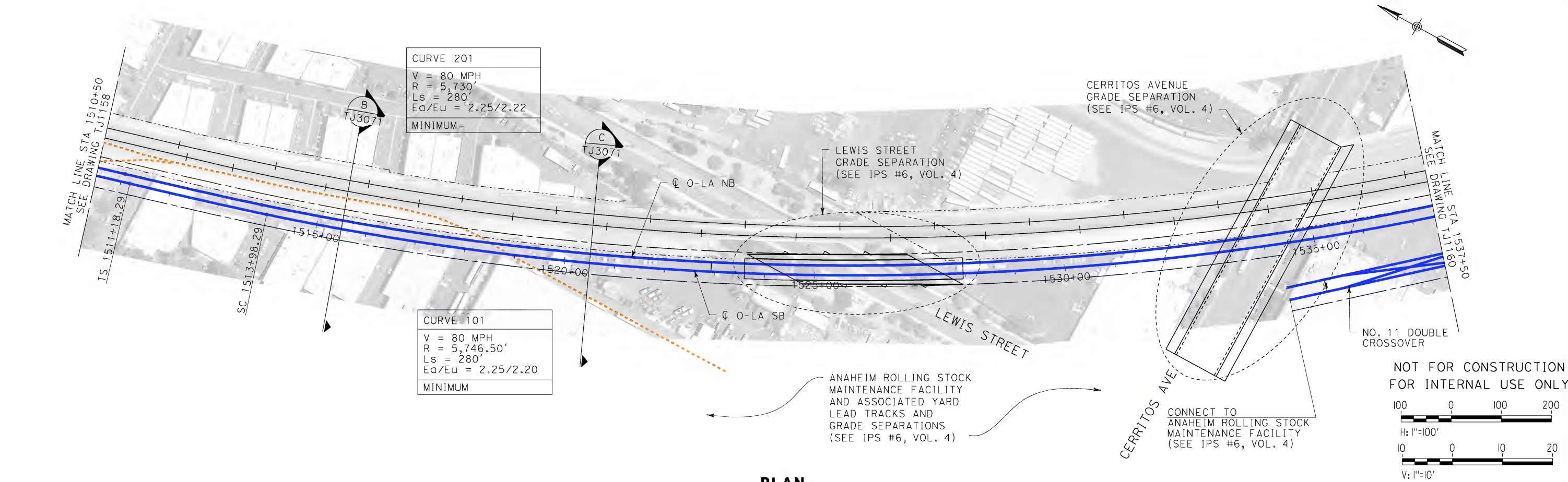
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| DESIGNED BY K. MCCULLOUGH |
| DRAWN BY K. MCCULLOUGH |
| CHECKED BY A. SOKOL |
| IN CHARGE D. THOMSON |
| DATE 04-15-10 |



CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
ARTIC - UNDERGROUND STATION PLATFORM
PLAN AND PROFILE
STA 1485+50 TO STA 1510+50

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| CONTRACT NO. HSR06-0005 |
| DRAWING NO. TJ1158 |
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PLAN



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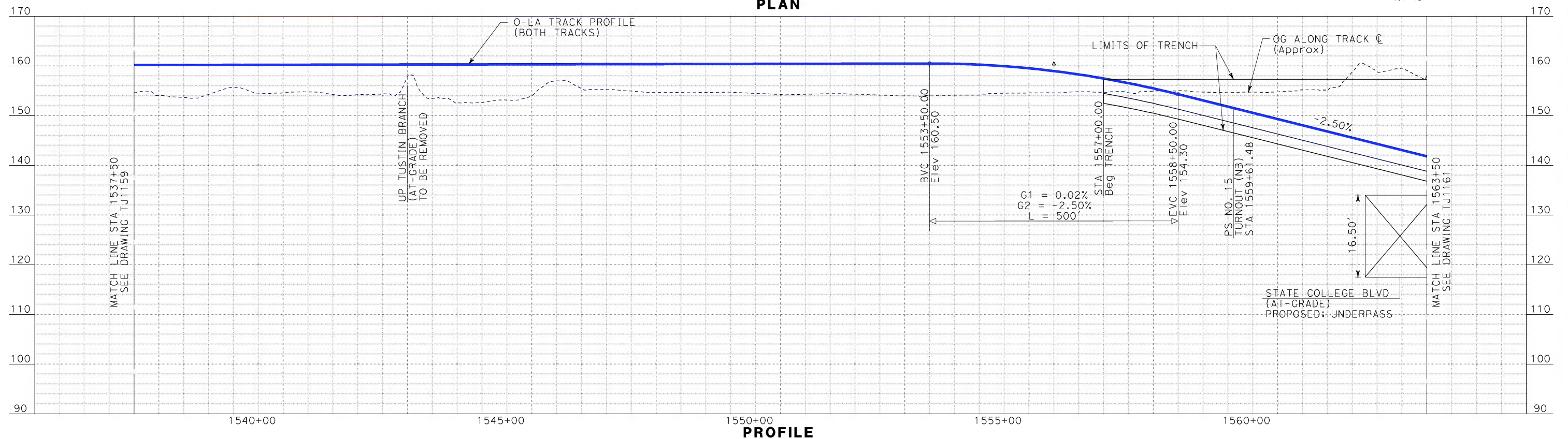
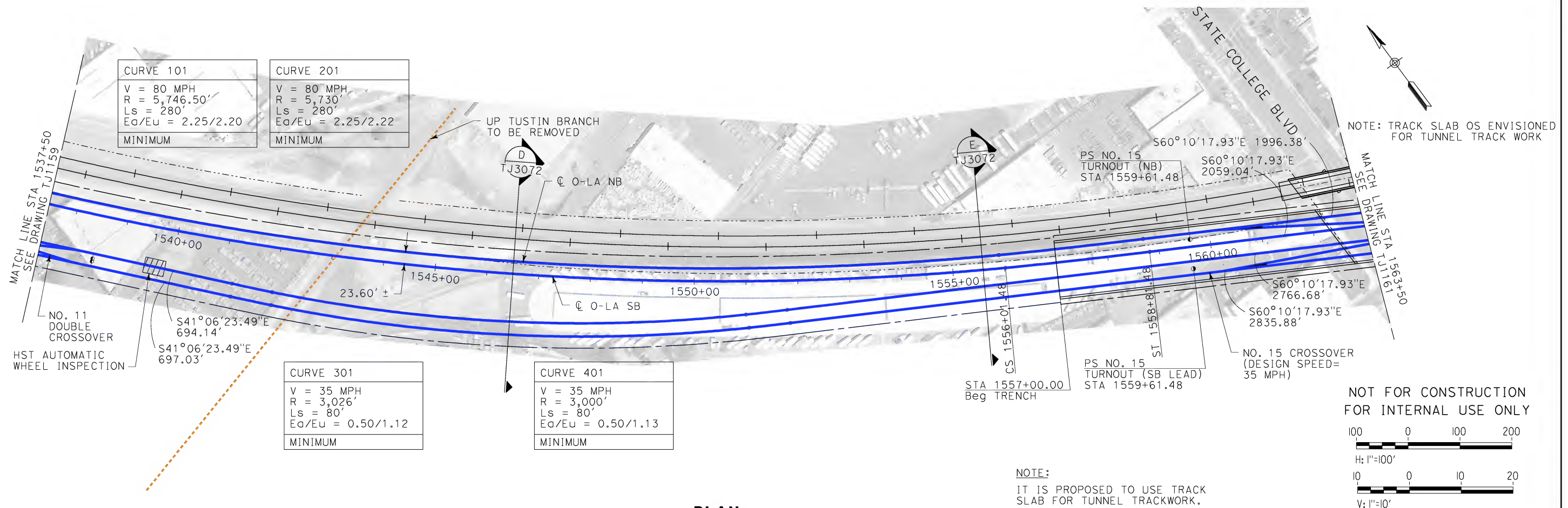
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| DESIGNED BY K. MCCULLOUGH |
| DRAWN BY K. MCCULLOUGH |
| CHECKED BY A. SOKOL |
| IN CHARGE D. THOMSON |
| DATE 04-15-10 |



CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
ARTIC - UNDERGROUND STATION PLATFORM
PLAN AND PROFILE
STA 1510+50 TO STA 1537+50

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| CONTRACT NO. HSR06-0005 |
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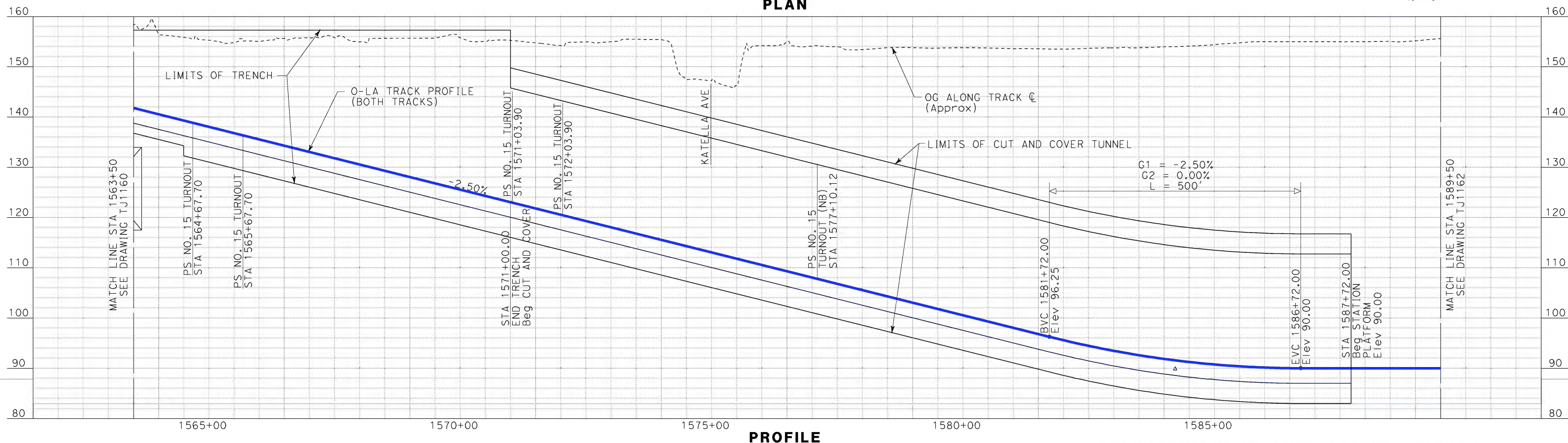
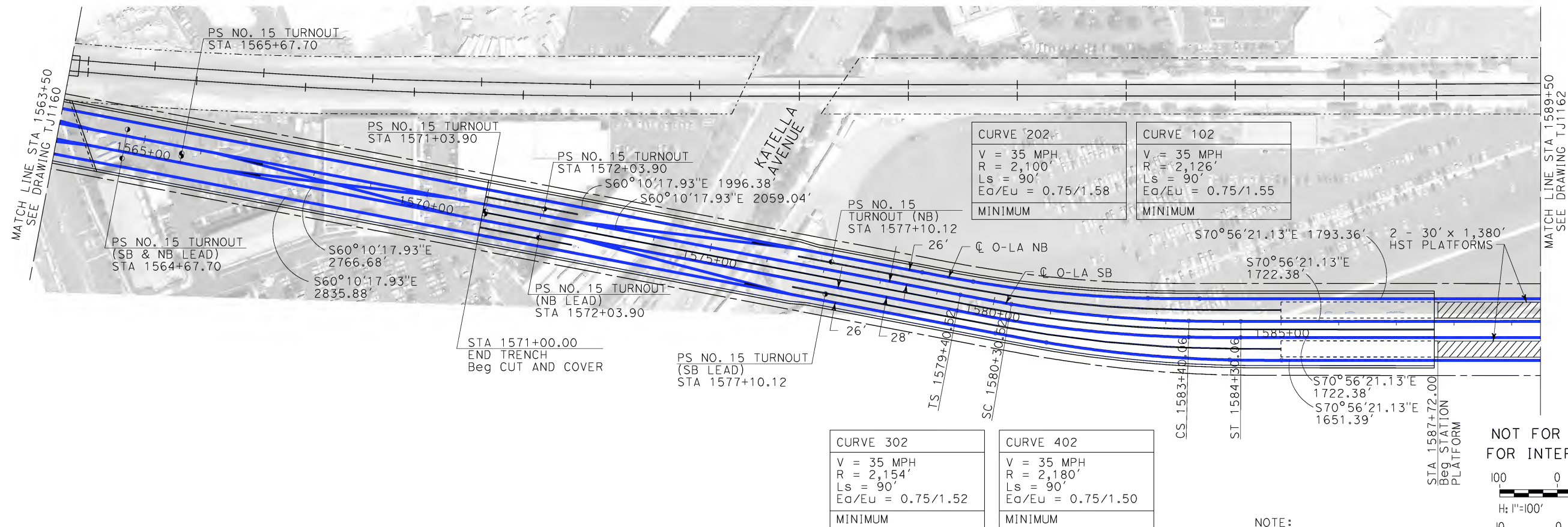


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| CHECKED BY A. SOKOL | | | | | | |
| IN CHARGE D. THOMSON | | | | | | |
| DATE 04-15-10 | | | | | | |



CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
ARTIC - UNDERGROUND STATION PLATFORM
PLAN AND PROFILE
STA 1537+50 TO STA 1563+50

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| CONTRACT NO. HSR06-0005 |
| DRAWING NO. TJ1160 |
| SCALE AS SHOWN |
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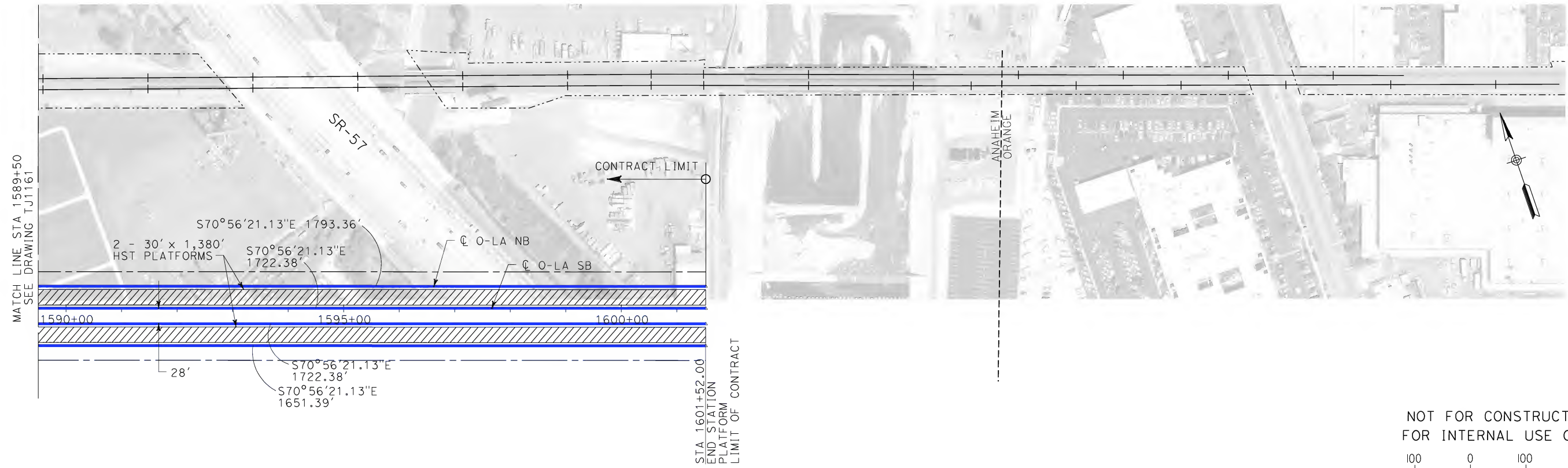
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| IN CHARGE D. THOMSON |
| DATE 04-15-10 |



CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
ARTIC - UNDERGROUND STATION PLATFORM
PLAN AND PROFILE
STA 1563+50 TO STA 1589+50

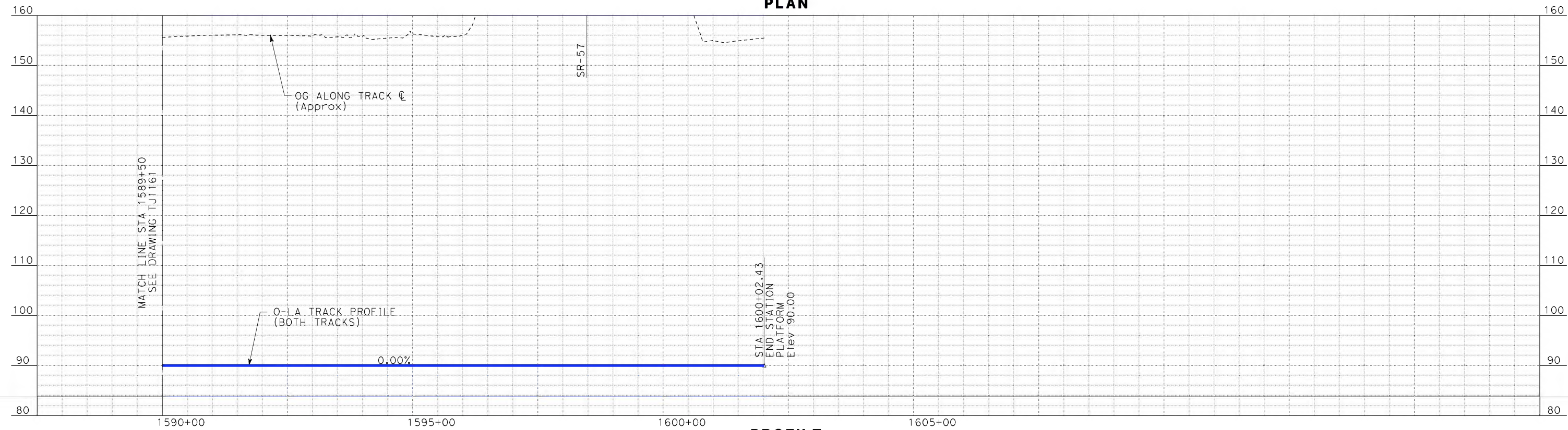
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| CONTRACT NO. HSR06-0005 |
| DRAWING NO. TJ1161 |
| SCALE AS SHOWN |
| SHEET NO. |



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100 0 100 200
H: 1"=100'
10 0 10 20
V: 1"=10'

PLAN



PROFILE

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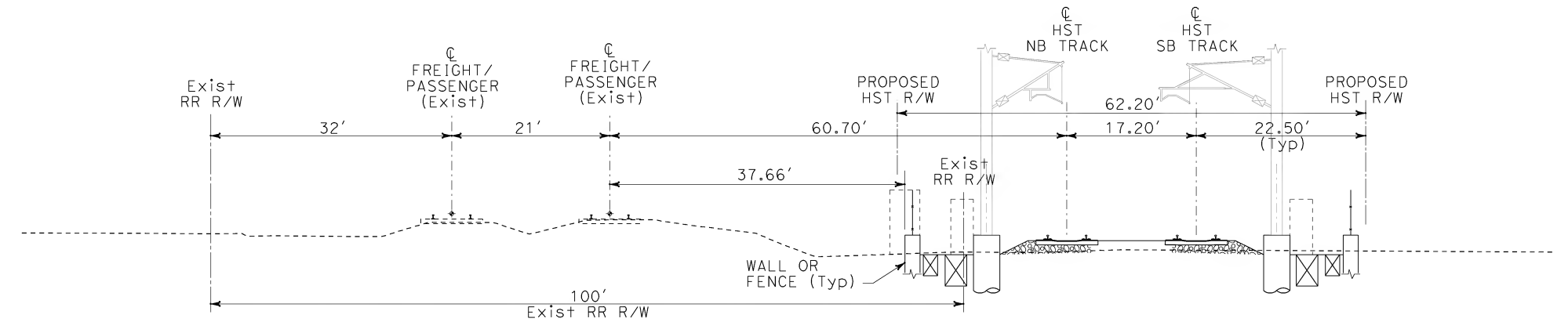
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| DATE 04-15-10 |



CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
ARTIC - UNDERGROUND STATION PLATFORM
PLAN AND PROFILE
STA 1563+50 TO STA 1601+52

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| CONTRACT NO. HSR06-0005 |
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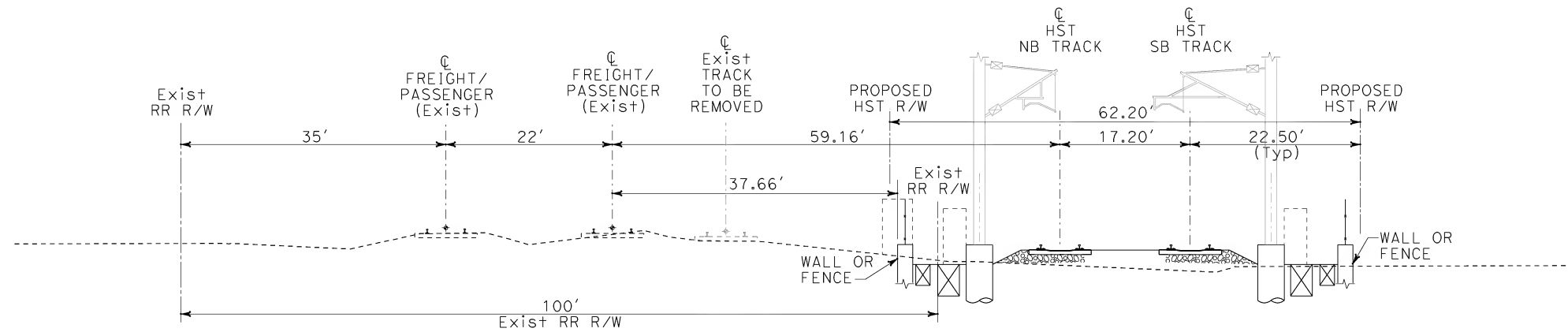
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AT-GRADE IN ANAHEIM

STA 1508+50

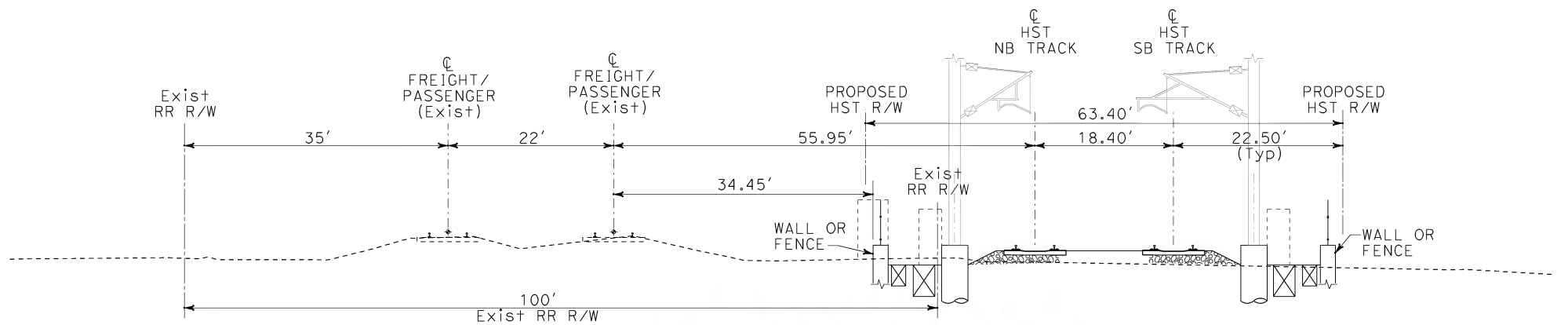
A
TJ1158



AT-GRADE IN ANAHEIM

STA 1515+50

B
TJ1159

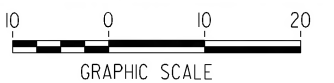


AT-GRADE IN ANAHEIM

STA 1520+50

C
TJ1159

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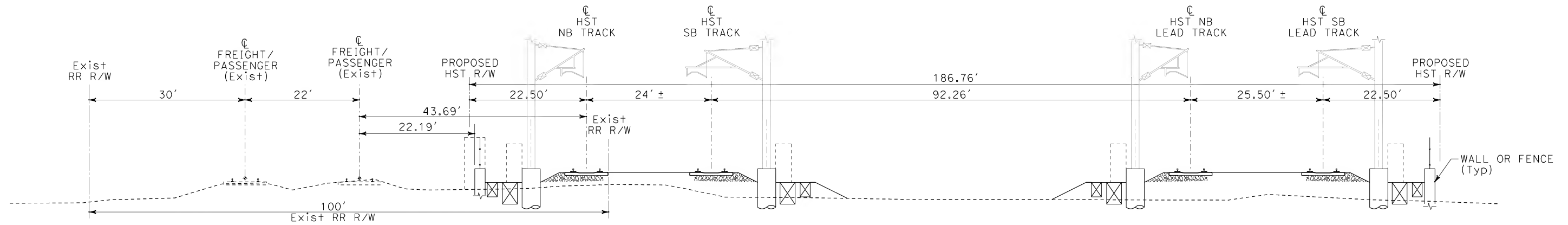
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| DESIGNED BY K. MCCULLOUGH |
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| DATE 04-15-10 |



CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
SUPPLEMENTAL 15% DESIGN
ARTIC - UNDERGROUND STATION PLATFORM
CROSS SECTIONS

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| CONTRACT NO. HSR06-0005 |
| DRAWING NO. TJ3071 |
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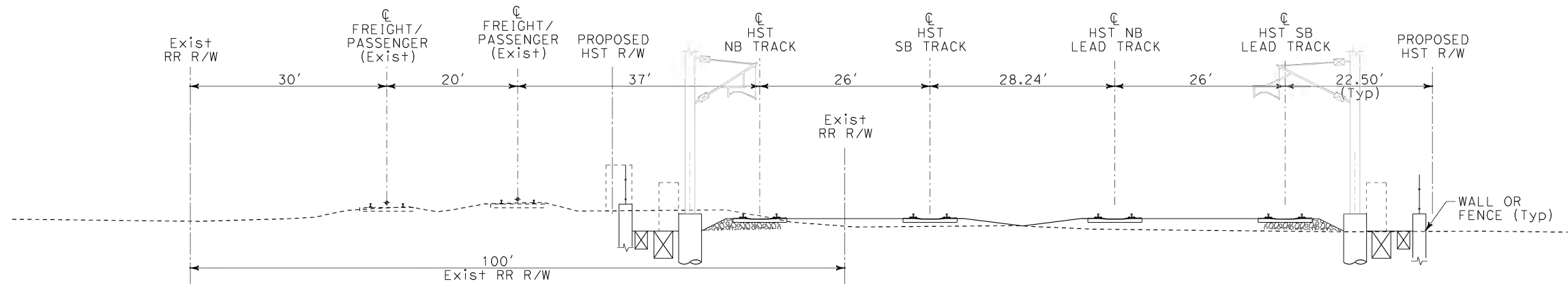
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AT-GRADE IN ANAHEIM

STA 1546+50

D
TJ1160



AT-GRADE IN ANAHEIM

STA 1557+50

E
TJ1160

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STV Incorporated
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS
1055 WEST SEVENTH STREET, SUITE 3150
LOS ANGELES, CA 90017-2556



CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM**
SUPPLEMENTAL 15% DESIGN
ARTIC - UNDERGROUND STATION PLATFORM
CROSS SECTIONS

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| CONTRACT NO. HSR06-0005 |
| DRAWING NO. TJ3072 |
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